

## NOTES

### CENTS

$$\log(100)^{(1 / 1200)} = 1.00057778951 \text{ [PIL] } \textit{parcours en cents}$$

**PIL** : produit de l'indice logarithmique

### Hertz / Sauveurs

$$\log(100)^{(1 / 300)} = 1.00231316184 \text{ [PIL] } 1 \text{ Hz}$$

$$\log(100)^{(25 / 300)} = 1.05946309436 \text{ [PIL] } 1/2 \text{ tono}$$

$$\log(100)^{(50 / 300)} = 1.12246204831 \text{ [PIL] } 1 \text{ tono}$$

$$\log(100)^{(300 / 300)} = 2 \text{ [PIL] } \mathbf{8^{va}}$$

### Exemple opérationnel

$$(\log(100)^{(50 / 300)}) * 261.62 \text{ [C4]} = 293.658521079 \text{ [D4]}$$

$$(\log(100)^{(50 / 300)}) * 261.62 = 293.658521079 \text{ [D } ^4]$$

$$\text{I) } 293.658521079 - 261.62 = 32.038521079 \text{ [Hz]}$$

$$\text{II) } 293.658521079 - 32.0385210787 = 261.62 \text{ [C } ^4]$$

.....

$$(\log(100)^{(25 / 300)}) * 261.62 = 277.176734746 \text{ [C\# } ^4]$$